

**CLAIMS**

1. A human protein hAMSH having the amino acid sequence of SEQ ID  
No. 1.

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2. A human gene encoding the human protein hAMSH of claim 1.

3. cDNA of the human gene of claim 2, which is hAMSH cDNA having  
the nucleotide sequence of SEQ ID no. 2.

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4. A DNA fragment comprising a partial sequence in the nucleotide  
sequence of SEQ ID No. 2.

5. A recombinant vector containing the hAMSH cDNA of claim 4 or the  
DNA fragment of claim 4.

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6. An antibody against the human protein hAMSH of claim 1.

7. A mouse protein mAMSH having the amino acid sequence of SEQ ID  
No. 3.

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8. A mouse gene encoding the mouse protein mAMSH of claim 7.

9. cDNA of the mouse gene of claim 7, which is mAMSH cDNA having  
the nucleotide sequence of SEQ ID no. 4.

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10. A DNA fragment comprising a partial sequence in the nucleotide  
sequence of SEQ ID No. 4.

11. A recombinant vector containing the mAMSH cDNA of claim 9 or the  
DNA fragment of claim 10.

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12. An antibody against the mouse protein mAMSH of claim 7.